

ABSTRACT

A seat occupant identifying apparatus for automotive occupant restraint system is provided which works to identify
5 whether a seat occupant is an adult passenger or a child passenger.
When a total output value of a plurality of seat load sensors is
greater than a given adult identifying threshold value, it is
determined that the seat occupant is an adult. Afterwards, when
the total output value decreases below the adult identifying
10 threshold value due to, for example, a lateral G-force acting on the
seat occupant during cornering of the vehicle, and an output of
either of the right and left seat load sensors is lowered below a
preselected cornering threshold value, while the other output is
higher than it, the latest determination that the seat occupant is an
15 adult is kept as it is. This provides for high accuracy seat occupant
identification during cornering of the vehicle.